



# FortiClient EMS - Release Notes

VERSION 1.2.1

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FortiClient EMS 1.2.1 Release Notes

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## Change Log

Date	Change Description
2017-07-06	Initial release.

# Introduction

FortiClient Enterprise Management Server (EMS) is a system intended to be used to manage installations of FortiClient. It uses the same Endpoint Control protocol that was introduced in FortiOS 5.0 and enhanced in FortiOS 5.2. Like FortiOS, EMS supports all FortiClient platforms: Microsoft Windows, Mac OS X, Android OS and Apple iOS. FortiClient EMS does not require a Fortinet device. It runs on a Microsoft Windows server. End users with FortiClient installations could choose to use a FortiGate or the EMS to manage their installations.

This document provides the following information for FortiClient EMS 1.2.1 build 0394:

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  - [Supported platforms on page 5](#)
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For more information about FortiClient EMS, see the *FortiClient EMS Administration Guide*.

## Supported platforms

The EMS server can be installed on any of the following platforms:

- Microsoft Windows Server 2008 R2 or newer

## System Requirements

The minimum system requirement is as follows.

- 2.0 GHz 64-bit processor, dual core (or two virtual CPUs)
- 4 GB RAM (8 GB RAM or better is recommended)
- 40 GB free hard disk
- Gigabit (10/100/1000baseT) Ethernet adapter
- Internet access

Internet access is required during installation. This becomes optional once installation is completed. The EMS uses access to the internet to obtain information about FortiGuard engine and signature updates.



You should only install EMS and the default services for the operating system on the server. Additional services should not be installed on the same server as EMS.

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## Endpoint Requirements

The following FortiClient platforms are supported:

- FortiClient for Microsoft Windows
- FortiClient for Mac OS X
- FortiClient for Android OS
- FortiClient for iOS

The FortiClient version should be 5.6.0 and later.

FortiClient is supported on multiple Microsoft Windows and Mac OS X platforms. The EMS supports all such platforms as endpoints.

## Licensing and installation

For information on licensing and installing FortiClient EMS, see the *FortiClient EMS Administration Guide*.

# Upgrade

## Upgrading from previous EMS versions

FortiClient EMS 1.2.1 supports upgrading from EMS 1.0.3 and later 1.0 versions.

## Downgrading to previous versions

Downgrading FortiClient EMS 1.2.1 to previous EMS versions is not supported.

## Resolved Issues

The following issues have been fixed in version 1.2.1.

Bug ID	Description
407730	FcmDaemon crash.
421706	After upgrading EMS from 1.0.5 to 1.2.1, the uninstaller asks for the source path.
433941	Deployed FortiClient has only Compliance feature.
437024	U.S. office FortiClient Telemetry-based deployment not working.
437081	Duplicate records after scan.
437423	Lots of error when running FCMDaemon --dbg=7 > logfile.txt.
437426	Error shown on console when moving endpoints to another group on uninstalling state.
437455	Unable to access EMS after upgrading from 1.0.5 to 1.2.0.
437471	FortiClient EMS not pushing VPN Tunnel to FortiClient.
437672	Vulnerability scan results deleted after upgrading EMS from 1.0.5 to 1.2.0.
437675	On-net subnet setting turned off after upgrading EMS from 1.0.5 to 1.2.0.
437845	Support upgrade from 1.2.0 to 1.2.1.
437927	Password lost after upgrade.
438688	No AV and Webfilter Event display on GUI.
438706	The clone profile can not be saved.
438829	Some pie charts cannot be generated when logged in as a Windows user with limited domain access.
438854	No FW events on GUI.
439183	[Endpoints] [Client Details] Sandbox shows as not installed.
439197	Sandbox GUI configuration removed after EMS upgrade from 1.0.5 to 1.2.1.
439217	Non-super admin sees FortiProxy disabled alert and cannot save.



Bug ID	Description
439364	[Profiles] [VPN] Cannot change <prompt_username>.
439667	[Endpoints] [Deployment] Clicking <i>Reset</i> has an effect on all endpoints.
439680	Chrome OS setup failed during upgrade from build 388 to build 393 for Chrome OS EMS on 2012 R2.

## Known Issues

The following issues have been identified in version 1.2.1. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
384879	<code>MsSqlCmdLnUtils</code> is not uninstalled.
393691	EMS server should notify if port is already in use.
400439	FortiSandbox will only respond to an authorized FortiClient.
409651	<code>il</code> is not sent with Gmail SMTP server.
413868	Failed to remove user from old LDAP server after switching LDAP server in the <i>User Management</i> page.
416006	Upload log to FortiAnalyzer setting state did not change properly.
416020	Device status not correct after uninstall.
416998	Dual Registration to EMS(1.0.5) and FortiGate (5.6 GA) cannot unregister.
417288	Different feature icons in profiles, client details and FortiClient console.
421319	Need to have the option to disable <i>Block Malicious Websites</i> when onnet.
423326	Should enable <i>All Web Download Submission</i> option when enabling the EMS Sandbox feature.
434328	<code>sslsv3</code> and <code>tlsv1.0</code> cannot be disabled on EMS server.
434534	FortiGate allows more special characters in the profile name than EMS.
434974	IE 11 Too slow to show advanced settings.
434993	When uninstalling FCT, the FCT status does not update.
435899	There is no schedule prompt or reboot prompt when upgrading fct 870 to 1068 from EMS.
435991	EMS GUI updates overwrite entire the XML configuration tab.
436238	VCM signature not sent to EMS.
436443	EMS should support computers with the same names.

Bug ID	Description
436618	Option <i>Mark as Uninstall</i> should not be visible if client is online.
436629	<i>IP Address</i> switches to <i>All</i> after upgrade.
436829	Application signature categories are not up to date.
436844	No permission is required to reset deployment.
436953	Inactive timeout doesn't work properly.
437426	Error shown on console when moving endpoints to another group while in an uninstalling state.
437498	LDAP users cannot log in.
437707	Cannot enable Web Filter without enabling FortiProxy.
438029	EMS reported FortiClient on-net/off-net state not consistent.
438034	-1 for timeout values.
438129	Error when exiting XML Configuration view.
438142	Corporate VPN tunnels created by advanced mode are not working after changing the tunnel name.
438215	FortiClient EMS slow to load profile.
438218	Unable to save profile after adding new applications signatures to customer's application overrides profile.
438310	Domain OUs should be sorted in alphabetical order.
438327	EMS console show extra Firewall categories.
438432	The excluded file extensions in the profile AV scan can not be carried over from 1.0.5 to 1.2.1.
438522	AV exclusion files and folders icons are the same.
438619	High CPU usage while running performance test.
438666	After uninstalling FortiClient, the status is <i>Endpoint Notified</i> .
438720	Cannot configure syslog-only logging.
438733	Sometimes the online installer is prompted to run when upgrading FortiClient 5.4.0 to 5.6.0 by deployment.

Bug ID	Description
438833	Web Filter becomes disabled after import because FortiProxy is disabled.
439074	Applications not listed when <i>Disable Automatic Patching for These Applications</i> is enabled in Vulnerability Scan.
439249	On-net not working properly.
439288	<i>Drag and drop a EC profile to a group</i> doesn't work.
439394	Computer with identical name with a machine on AD shows under AD than workgroup.
439412	Changes from XML configuraton won't save back to basic mode.
439422	Changing <i>Vulnerability Scheduled Scan</i> settings won't work.
439681	Deployment FortiClient shows <i>Install task started</i> status when upgrading from FortiClient 5.4.0 to 5.6.0.
439766	GUI broken when IE is used.
439954	db_version inconsistency caused database restore failure on different EMS Server.



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